

## QIBA Ultrasound Shear Wave Speed (SWS) Biomarker Committee (BC)

Friday, September 16, 2016; 11 AM CT

Call Summary

### In attendance

Tim J. Hall, PhD (Co-Chair)  
Brian Garra, MD (Co-Chair)  
Kazuya Akaki  
S. Kaisar Alam, PhD  
Ajay Anand, PhD  
Michael André, PhD  
Brian Anthony, PhD  
Paul Carson, PhD

Jun Chen, PhD  
Yuling Chen, PhD  
Elaine Collins, RDMS  
Manish Dhyani, MD  
Todd Erpelding, PhD, MSE  
Joel Gay, MSc  
Alpana Harisinghani, MD  
Edward Jackson, PhD

Ravi Managuli, PhD, RDMS  
Kathy Nightingale, PhD  
Nancy Obuchowski, PhD  
Anthony Samir, MD  
Theresa Tuthill, PhD  
Hua Xie, PhD  
Jim Zagzebski, PhD

### RSNA

Joe Koudelik  
Julie Lisiecki

**Moderator:** Dr. Garra

### Optimal MRE Frequency

- Optimal MRE frequency is still under consideration
- To continue moving the ultrasound research forward in other areas of the body, which may be much stiffer than the liver, a calibration at higher frequencies is needed
- To make protocols more useful, a benchmark that would accommodate a broader frequency range is being sought
- A range between 200 – 500 Hz in 50 – 100 Hz increments is under consideration, and is being tested by Dr. J. Chen
- This measurement is necessary to complete the Profile, which the BC hopes to release by the end of the year

### Phantom Status

- Julian Lee at Alpinion is interested in testing the phantoms
- Dr. Chen will send phantoms to Mr. Lee
- The phantoms will then be sent to Dr. Sandrin at Echosens in France for additional testing

### Profile Updates

- Appendix D is needed in 30 days; Manufacturers have been asked for their input
- A manufacturer checklist will also be created to help with conformance verification procedures
- Once the Profile is ready for public comment, a two month time frame of two months will be set for comments
- A goal of Nov 1 - December 31<sup>st</sup> for Public Comment has been set by the BC
- Comments regarding the Profile should be sent to Drs. Dhyani and Garra:
  - [Dhyani.Manish@mgh.harvard.edu](mailto:Dhyani.Manish@mgh.harvard.edu); [bgarra@gmail.com](mailto:bgarra@gmail.com)

### RSNA 2016 Reminders:

- **QIBA Working Meeting and Breakout Groups at RSNA 2016**
  - Active QIBA members are invited to save the date for Wednesday, November 30<sup>th</sup> from ~2:30 – 5:30 pm; **Rm E253AB**
- **QIBA BC posters are due to RSNA on Monday, October 31<sup>st</sup>** in a print-ready PowerPoint format
  - Previous QIBA Posters at RSNA Annual Meetings: <http://qibawiki.rsna.org/index.php/Education>
- **QIBA Kiosk Poster Meet-the-Expert Session for RSNA 2016:**
  1. Please visit the RSNA 2016 MTE Sessions [Google sign-up sheet](#)
  2. Select your specific Biomarker Committee from the tabs along the bottom of the sheet
  3. Type in your name next to the presentation time slot that works for you (we encourage that each 30 minute time slot is filled by at least one committee member)
  4. Simply close out of the document – there is NO save button - changes will automatically save for you

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### Dashboard Updates

- Please send Dr. Carson any relevant updates: [pcarson@umich.edu](mailto:pcarson@umich.edu). Thank you.

**WebEx:**

- **Oct 07:** Systems/ Phantom Task Force
- **Oct 14:** Clinical Task Force
- **Oct 21:** US SWS BC
- **Oct 28:** CEUS BC
- **\*\*Oct 31<sup>st</sup>:** QIBA Poster PowerPoint Print-Ready Files due to RSNA, [previous posters on wiki](#)

**Conferences/ Meetings:**

- **October 16 – 19:** [International Tissue Elasticity Conference \(ITEC\)](#) – Vermont
- **Oct 21 – 23:** [Society of Radiologists in Ultrasound Annual Meeting \(SRU\)](#) – Baltimore, MD
- **October 26 – 29:** [Euroson 2016 – 28th Euroson Congress of the EFSUMB](#) – Leipzig, Germany